



# International Cooperation Plan for KuaFu

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On behalf of *KuaFu Coordination and Planning Committee*  
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# Outline

- ◆ Background
- ◆ KuaFu Coordination and Planning Committee (KCPC)
- ◆ Task
- ◆ Next Step





# Background

- ◆ KuaFu project is needed for
  - Space Science
  - Space Weather Application
  - Space Technology
- ◆ National Natural Science Foundation of China (NSFC) supported the KuaFu Science Project starting from 2004





## Background (cont.)

- ◆ Closer cooperation among scientist, user and industry community is necessary for success
- ◆ July 28, 2005, the trilateral agreement focusing on the cooperation of KuaFu was signed by
  - China Meteorological Administration (CMA)
  - Peking University (PKU)
  - China Aerospace Science and Technology Corporation (CASC)





## Background (cont.)

- ◆ Sept. 16, 2005 a common understanding was reached by the Chinese solar-terrestrial community
  - to support KuaFu as the only solar-terrestrial mission plan to be submitted to China National Space Administration (CNSA) by the community
  - KuaFu merged with “Solar Wind and Auroral Storm Explorer” (SWASE), proposed by Prof. LIU Zhen-Xing, Chinese Academy of Sciences (CAS)
- ◆ Then CAS became one of the key members of KuaFu project





# KuaFu Coordination and Planning Committee (KCPC)

- KCPC was authorized by CNSA recently
- The KuaFu Coordination and Planning Committee (KCPC) is composed of
  - China Meteorological Administration (CMA)
  - Peking University (PKU)
  - Chinese Academy of Sciences (CAS)
  - China Aerospace Science & Technology Cooperation (CASC)

◆ CMA acts as the coordinator







# Tasks

- ◆ KCPC will coordinate the domestic and international cooperation for KuaFu Project
  - Before the Engineering Phase, KCPC will organize and coordinate all activities regarding to domestic and international co-operations of KuaFu Project (while the KuaFu Scientific Committee in charge of all scientific activities).





# KCPC

## ◆ Chair

- ZHANG Wen-Jian  
Deputy Administrator/CMA

## ◆ Members

- LIN Jian-Hua  
Standing Vice President/PKU
- HUANG Yong  
Deputy Director-General, Bureau of Basic Research/CAS
- JIANG Wei-Xing  
Deputy Director-General, Aerospace Division/CASC
- ZHANG Yong-Wei  
Chief Engineer, DFH Satellite Co./CASC
- ZHOU Heng  
Deputy Director-General, Department of Observation & Telecommunication /CMA
- YANG Jun  
Director-General, National Center for Space Weather/CMA

## ◆ Other Members

- Officials and Experts from CMA, PKU, CAS, CASC







## ◆ Secretariat

### – ZHOU Heng (chief)

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# Milestones

- ◆ 2006-2007 Comprehensive Review
- ◆ 2007-2009 Critical Design Review & Engineering Model
- ◆ 2010-2012 Flight Model
- ◆ 2012 Launch!!!





# Next Step

## ◆ Letters of information

- Letters will be sent soon (around this Aug.) to related European national agencies, CSA and ESA, informing the present status of KuaFu.

## ◆ International coordination plan

- Inviting representatives from related European national agencies, CSA and ESA by the end of 2006 to discuss co-operations on KuaFu, including intention, cooperation mechanism, funding possibility, and AO (if needed)





- ◆ Signing MoU with related funding agencies
- ◆ Holding 2<sup>nd</sup> International Symposium on KuaFu Project (ISKP-II) and 5<sup>th</sup> KuaFu Team Meeting on Jan. 14-19, 2007 in Hainan, China  
– hosted by CMA



Thanks

